

Asst. Prof. SERKAN TÜRKELİ

Personal Information

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2008 - 2012

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, İşletme Mühendisliği, Turkey 2004 - 2006

Undergraduate, Bahcesehir University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2000 - 2004

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Kurumsal alanın oluşumu ve değişiminde mikro-makro aktör ve yapıların etkileşimi: Türkiye'xxdeki tam teşekküllü özel hastaneler alanı örneği, Istanbul Technical University, Fen Bilimleri Enstitüsü, İşletme Mühendisliği, 2012

Postgraduate, Öğretilebilir liderlik Türkiye özel sektör uygulaması, Istanbul Technical University, Fen Bilimleri Enstitüsü, İşletme Mühendisliği, 2006

Research Areas

Biostatistics and Medical Informatics

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty Of Health Sciences, Health Administration, 2021 - Continues

Lecturer PhD, Istanbul Technical University, Bilişim Enstitüsü, Bilişim Uygulamaları, 2010 - 2021

Lecturer PhD, Bogazici University, Academy Of Applied Sciences, Department Of Management Information Systems, 2019 - 2019

Lecturer PhD, Bahcesehir University, Institute Of Social Sciences, 2013 - 2016

Lecturer, Isik University, Faculty Of Engineering, Department Of Biomedical Engineering, 2014 - 2015

Lecturer, Acibadem Mehmet Ali Aydinlar University, Faculty Of Health Sciences, Healthcare Management, 2008 - 2009

Courses

Advanced Topics in Mechatronics Engineering, Doctorate, 2020 - 2021

Special Topics in Mechatr.Eng, Postgraduate, 2020 - 2021

Medical Informatics, Postgraduate, 2017 - 2018

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A Hybrid Algorithm for Fall Detection.**
Turkeli S., Elmas F., Atay H. T., Kurt K. K., Sonmez R. Y.
Studies in health technology and informatics, vol.237, pp.163-168, 2017 (Journal Indexed in SCI Expanded)
- II. **Multilevel Combined Surgery With Transoral Robotic Surgery for Obstructive Sleep Apnea Syndrome**
Kayhan F. T., Kaya K. H., Koc A. K., Yegin Y., Yazici Z. M., Türkeli S., Sayin I.
JOURNAL OF CRANIOFACIAL SURGERY, vol.27, no.4, pp.1044-1048, 2016 (Journal Indexed in SCI)
- III. **Assessment of Content-Based Image Retrieval Approaches for Mammography Based on Breast Density Patterns.**
Purwadi N. S., Atay H. T., Kurt K. K., Turkeli S.
Studies in health technology and informatics, vol.228, pp.727-31, 2016 (Journal Indexed in SCI Expanded)
- IV. **Creating an IOT That Notifies Concerned People for the Falls of Geriatric Patients.**
Turkeli S., Kurt K. K., Catamak A., Sonmez R. Y., Atay H. T.
Studies in health technology and informatics, vol.224, pp.105-7, 2016 (Journal Indexed in SCI Expanded)
- V. **Mining level of control in medical organizations.**
Çalimli O., Türkeli S., Eken E. G., Gönen H. E.
Studies in health technology and informatics, vol.205, pp.328-32, 2014 (Journal Indexed in SCI Expanded)
- VI. **Designing a Capability-Focused Strategic Management Model for a Turkish Public Hospital: Learning from Failure**
Turkeli S., Erçek M.
SYSTEMIC PRACTICE AND ACTION RESEARCH, vol.23, no.5, pp.353-370, 2010 (Journal Indexed in SSCI)

Articles Published in Other Journals

- I. **Girişimci Davranışlarının Başlangıç Aşamasındaki Girişimlere Etkisi: Teknopark Türkiye Örneği**
TÜRKELİ S., Boyacı A. R.
Girişimcilik ve İnovasyon Yönetim Dergisi, vol.8, no.2, pp.21-38, 2019 (Other Refereed National Journals)
- II. **FUZZY EXPERT SYSTEM FOR SEVERITY PREDICTION OF OBSTRUCTIVE SLEEP APNEA HYPOPNEA SYNDROME**
zoroğlu c., TÜRKELİ S.
The Journal of Cognitive Systems, vol.2, no.2, pp.37-43, 2019 (Refereed Journals of Other Institutions)
- III. **STANDART BELGE İLE FARKLILAŞMA MÜMKÜN MÜ AKREDİTASYON SÖYLEM ANALİZİ**
TÜRKELİ S.
İstanbul Ticaret Üniversitesi Sosyal Bilimler Dergisi, vol.14, no.27, pp.111-131, 2015 (Other Refereed National Journals)
- IV. **A model proposal for evaluating the performance of technology supported surgeries**
TÜRKELİ S.
Praxis of Otorhinolaryngology, vol.1, no.3, pp.112-116, 2014 (Other Refereed National Journals)

Books & Book Chapters

- I. **Flash MX**
TÜRKELİ S.
PcWorld Türkiye, 2004

Refereed Congress / Symposium Publications in Proceedings

- I. **Enemy inside: Salesperson fraud detection in the insurance industry**
Türkeli S., Eti T., Guney Y., Akyuz M., Cicek M. A. , Cimen M.
15th Iberian Conference on Information Systems and Technologies, CISTI 2020, Sevilla, Spain, 24 - 27 June 2020
- II. **Visualization of Molecular Medicine Data**
TÜRKEĻİ S.
7th International Congress of Molecular Medicine, 5 - 07 September 2019
- III. **The Importance of Multidisciplinary in Data Science: Application of the Method in Health Sector to Telecommunication Sector**
Kurt K. K. , Atay H. T. , Cicek M. A. , Karaca S. B. , Türkeli S.
2019 International Conference on Artificial Intelligence and Data Processing Symposium, IDAP 2019, Malatya, Turkey, 21 - 22 September 2019
- IV. **Data Gathering and Processing in Cloud Based Dental Management Systems**
Türkeli S., Kurt K. K. , Atay H. T. , Çiçek M. A. , Karaca S. B.
2018 International Conference on Artificial Intelligence and Data Processing, IDAP 2018, Malatya, Turkey, 28 - 30 September 2018
- V. **A smart dermoscope design using artificial neural network**
Türkeli S., Oguz M. S. , Abay S. B. , Kumbasar T., Atay H. T. , Kurt K. K.
2017 International Artificial Intelligence and Data Processing Symposium, IDAP 2017, Malatya, Turkey, 16 - 17 September 2017
- VI. **Mining similar radiology reports using BoW and Fuzzy C-means clustering**
Türkeli S., Gazioglu B. S. A. , Kurt K. K. , Atay H. T. , Gorur Y.
2017 International Artificial Intelligence and Data Processing Symposium, IDAP 2017, Malatya, Turkey, 16 - 17 September 2017
- VII. **Robotik Cerrahi Sistemlerinin Performans Ölçüm Kriterleri ve Maliyet Boyutu**
TÜRKEĻİ S.
İstanbul KBB – BBC Uzmanları Derneğimizin 9. Kongresi, Sakarya, Turkey, 28 September - 01 October 2017
- VIII. **Creating an IOT Device to Monitor Vital Signs of Infants**
TÜRKEĻİ S., Kurt K. K. , Atay H. T. , Sönmez R. Y.
VI. International Congress of Molecular Medicine, 22 - 25 May 2017, vol.2, pp.156
- IX. **Molecular Information Processing: Data Mining Techniques to Detect Cancer with Odor Analysis**
TÜRKEĻİ S., Bayat B.
VI. International Congress of Molecular Medicine, 22 - 25 May 2017
- X. **Of Robots Surgeons and Careers The Role of Professional Work in Creating the Robotic Surgery Career Field in Turkey**
TÜRKEĻİ S., ERÇEK M.
EGOS - European Group for Organizational Studies, Italy, 07 July 2016 - 10 July 2016
- XI. **Smart Connected Cities How Healthcare Services should be designed in a Smart City**
TÜRKEĻİ S.
IEEE NOMS, İstanbul, Turkey, 26 - 30 April 2016
- XII. **New ways of collecting data valuable data for CRM healthcare social and economic structuring analytics**
TÜRKEĻİ S.
4th Big Data Conference, Dubai, United Arab Emirates, 26 - 28 January 2016
- XIII. **Assessment and Improvement of Content-Based Image Retrieval Approaches for Screening Mammography Analysis**
Purwadi N. S. , Gazioglu B. S. A. , Türkeli S.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1421-1424
- XIV. **Human Body as a Big Data Source**

TÜRKELİ S.

V. International Congress of Molecular Medicine, 18 - 21 May 2015

- XV. **What Makes an Organization Intelligent**
Mert T., Kemal K., TÜRKELİ S.
Yircobs 2012, 13 - 15 August 2012
- XVI. **Kurum Kalite Ölçümünde Genel Kriterler İle Kuruma Özgü Kriterler Savaşı Ve Veya Barışı**
TÜRKELİ S.
9. Sağlık Yönetimi Kongresi, Cyprus (Kkct), 15 - 20 April 2011
- XVII. **Sustainable Competitive Advantage In Health Tourism Bursa Case**
TÜRKELİ S., Akbaş Şahin H.
4th International Congress on HealthTourism, 11 - 14 May 2011
- XVIII. **Bir Strateji Olarak Marka Topluluğu Harley Davidson Örneği**
TÜRKELİ S., Gülşen Ö.
Yönetim ve Organizasyon Kongresi, Çanakkale, Turkey, 7 - 09 April 2011, pp.1
- XIX. **Sağlık Örgütleri Stratejik Yönetiliyor mu İş Zekası Raporları Temelinde Vaka Analizi**
TÜRKELİ S., Ölmez f., oyku s., Barış g., begum a.
8. Sağlık Yönetimi Kongresi, Turkey, 12 - 14 May 2010
- XX. **Türkiye nin Sağlık Turizmi Stratejisi Mevcut Durum Analizi**
TÜRKELİ S., Ölmez F., Begüm S.
9. Sağlık Yönetimi Kongresi, Turkey, 7 - 09 April 2011
- XXI. **JCI Belgesi Alan HAstanelerin Akreditasyon Söylemi**
TÜRKELİ S.
7. Sağlık Yönetimi Kongresi, Turkey, 15 - 17 May 2009
- XXII. **Bir Meslek Olarak Fizyoterapi Türkiye de Kuruluş Süreci ve Mesleğin Geleceği Adına Uzmanlıkların Tanımlanması**
TÜRKELİ S., Senay K., Orhan P., Gamze K.
3. Fizyoterapi Kongresi, Turkey, 14 - 16 April 2011
- XXIII. **A Model Proposal for Measuring the Performance Of NursesIn The Specialized Nursing System**
KAN ÖNTÜRK Z., TÜRKELİ S., Akbaş Şahin H.
2nd International Congress on Quality and Performance in Healthcare, 14 - 16 May 2010, pp.1
- XXIV. **Dinamik Kapasiteye Sahip Olmak İçin Liderlik Özelliklerine İhtiyacımız Var Mı**
TÜRKELİ S.
Yönetim ve Organizasyon Kongresi, Turkey, 8 - 09 April 2010, pp.1
- XXV. **JCI Akreditasyonu Bir Yönetim Modası Mı**
TÜRKELİ S.
Sağlık Yönetimi Kongresi, Turkey, 13 - 16 April 2010, pp.62-73
- XXVI. **How can we improve the communication quality between doctor and foreign patient**
TÜRKELİ S., Akbaş Şahin H.
EFMI STC 2009, 24 - 27 February 2009, pp.1
- XXVII. **Measuring Technology s Effects onHealthcare Processes**
TÜRKELİ S., KAYHAN F. T. , kaya h., çağdaş d.
The 13th International Special Topic Congress of the European Federation for Medical Informatics, 9 - 13 April 2013
- XXVIII. **Distance Learning System Using Scarce Resources More Efficient**
TÜRKELİ S.
Biltek 2005, 7 - 09 April 2005, pp.1
- XXIX. **Sağlık Sektöründe Stratejik Yönetim Modeli Olarak Kurumsal Karne Uygulaması Vakıf Gureba Eğitim Hastanesi Örneği**
Özalp H., Akal U., Baş S., TÜRKELİ S.
Sağlık Yönetimi Kongresi, Turkey, 27 April - 02 May 2008, pp.1
- XXX. **Sağlık Sektöründe Karar Destek Sistemi Olarak İş Zekası Uygulaması ve Model Önerisi**

TÜRKELİ S.

8. Ulusal Tıp Bilişimi Kongresi, Turkey, 13 - 16 November 2008, pp.1

Citations

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